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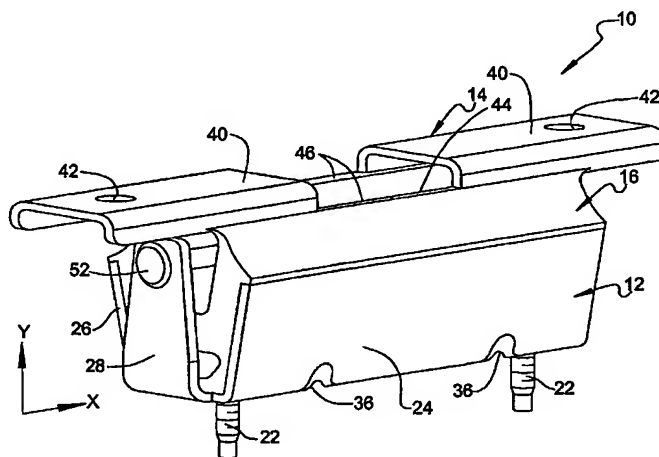
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- (21) International Application Number: PCT/US2004/025505 (74) Agent: **WANGEROW, Ronald**; Freudenberg-NOK General Partnership, Intellectual Property Department, 47690 East Anchor Court, Plymouth, MI 48170-2455 (US).
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- (71) Applicant (for all designated States except US): **FREUDENBERG-NOK GENERAL PARTNER-SHIP** [US/US]; 47690 East Anchor Court, Plymouth, MI 48170-2455 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **WIRGES, Todd** [US/US]; 1511 Natalie Lane, Apt. 102, Ann Arbor, MI 48105 (US). **PRICE, Donald** [US/US]; 58535 Pontiac

[Continued on next page]

(54) Title: POWERTRAIN MOUNT



(57) Abstract: A vibration isolation mount (10) is provided including a bracket member (12) including a base portion (18) having a pair of side wing portions (24, 26) extending from a pair of bends in the base portion (18). At least one pair of end wing portions (28, 30) extend from opposite ends of the bracket member (12). A core element (14) including a body portion (46) is disposed between the pair of side wing portions (24, 26). An elastomeric spring member (16) is disposed between the body portion of the core element (14) and the pair of side wing portions of the bracket member (12). The at least one pair of end wing portions (28, 30) are bent towards the elastomeric spring member (16) so as to oppose opposite ends of the spring member so as to provide a lateral travel restrictor for the elastomeric spring member (16) without the necessity of additional components. According to yet another aspect of the present invention, a travel restrictor pin (52) is provided extending between the pair of end wing portions (28, 30) and through an opening in the body portion (46) of the core element (14). The travel restrictor pin (52) provides additional longitudinal travel restriction in order to limit the amount of stresses applied to the elastomeric spring member (16).

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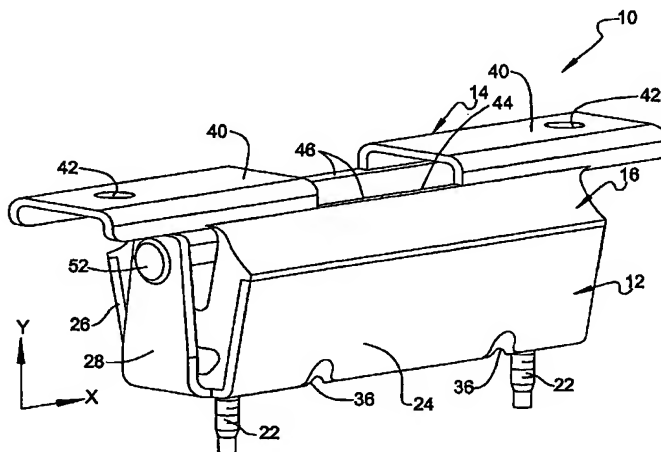
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